



Docket No.: 0652-015US2

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

APPLICANT: Marc D. Andelman et al.

EXAMINER:

SERIAL NO: 10/567,415

ART UNIT:

FILED: February 6, 2006

TITLE: Power Efficient Flow Through Capacitor System

Mail Stop Amendment
Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

INFORMATION DISCLOSURE STATEMENT

Pursuant to the duty of disclosure under 37 C.F.R. §§1.56, 1.97 and 1.98, Applicant hereby makes of record the documents listed on the attached modified Form PTO-1449 (submitted in duplicate) in the above-identified application. This information disclosure statement is being filed:

- ☐ within three months of the filing date of the national application; or
- ☐ within three months of the filing date of the entry of the national stage, as set forth in 37 C.F.R. §1.491, in an international application; or
- ☒ before the mailing date of a first Office Action on the merits in the above-identified case; or
- ☐ before the mailing date of a first Office action after the filing of a request for continued examination under § 1.114; or
- ☐ before the mailing date of any of a final Office action, a notice of allowance, or an action that otherwise closes prosecution, and is accompanied by:
 - ☐ a statement pursuant to 37 CFR §1.97(e); OR
 - ☐ the fee pursuant to 37 CFR 1.17(p); please charge the prescribed fee to Deposit Account No. 50-1895, Reference No.0652-015US2; or
- ☐ before payment of the issue fee, and is accompanied by:
 - ☐ a statement pursuant to 37 CFR §1.97(e); AND
 - ☐ the fee pursuant to 37 CFR 1.17(p); please charge the prescribed fee to Deposit Account No. 50-1895, Reference No.0652-015US2.

"Express Mail Tracking No.: EV644012851US Date of Deposit: September 13, 2006

I hereby certify that this paper is being deposited with the Express Mail Post Office to Addressee service under 37 CFR 1.10, on the date indicated above, addressed to: Mail Stop Amendment, U.S. Patent and Trademark Office, Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450

By:

Karen A. Herrand

Statement Under 37 CFR 1.97(e)

- ☐ The documents listed on the attached Form PTO-1449 were first cited in a communication from a foreign patent office in a counterpart foreign application not more than three months prior to the filing of this information disclosure statement. A copy of the communication issued by the foreign patent office is enclosed herewith.
- ☐ No item of information contained in the information disclosure statement was cited in a communication from a foreign patent office in a counterpart foreign application, and, to the knowledge of the undersigned after reasonable inquiry, no item of information contained in the information disclosure statement was known to any individual designated in § 1.56(c) more than three months prior to the filing of the information disclosure statement.

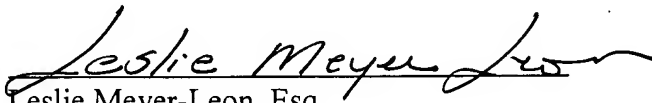
By submitting the Information Disclosure Statement, the Applicant makes no representation that: (1) a search has been performed, of the extent of any search performed, or that more relevant information does not exist, (2) the information cited in the Statement is, or is considered to be, material to patentability as defined in 37 C.F.R. §1.56(b) and (3) the information cited in the Statement is prior art as defined by 35 U.S.C. §102. The order of presentation of references is not to be construed as indicative of the importance of the references.

It is respectfully requested that the Examiner consider completely the cited information in reaching a determination concerning the patentability of the present claims, and signs the enclosed form PTO-1449 to evidence that the cited information has been fully considered by the Patent and Trademark Office during the examination of this application.

Please charge any additional fees that may be due, or credit any overpayment, to Deposit Account No. 50-1895, Reference No.0652-015US2.

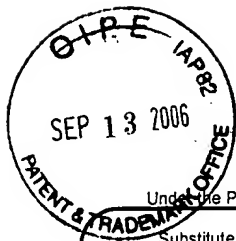
Respectfully submitted,

Date: Sept 13, 2006


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0652-015US2/18604.doc



PTO/SB/08A (07-05)

Approved for use through 07/31/2006. OMB 0651-0031

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**INFORMATION DISCLOSURE
STATEMENT BY APPLICANT**

(Use as many sheets as necessary)

Sheet 1 of 4

Complete if Known

Application Number	10/567,415
Filing Date	February 6, 2006
First Named Inventor	Andelman, Marc D. et al.
Art Unit	
Examiner Name	
Attorney Docket Number	0652-015US2

U. S. PATENT DOCUMENTS

Examiner Initials*	Cite No. ¹	Document Number	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number-Kind Code ² (if known)			
		US- 4,001,598	01-04-1977	Johannessen	
		US- 4,093,943	06-06-1978	Knight, Webster B.	
		US- 4,180,744	12-25-1979	Helwig, Jr., William F.	
		US- 4,894,764	01-16-1990	Meyer, John F. et al.	
		US- 5,070,440	12-03-1991	Walker, Loren H.	
		US- 5,119,014	06-02-1992	Kronberg, James W.	
		US- 5,192,432	03-09-1993	Andelman, Marc D.	
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		US- 5,376,253	12-27-1994	Rychen, et al.	
		US- 5,415,768	05-16-1995	Andelman, Marc D.	
		US- 5,461,264	10-24-1995	Yang, Tai-Her et al.	
		US- 5,483,643	01-09-1996	Sato, Yuichi	
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		US- 5,538,611	07-23-1996	Otowa, Toshiro	
		US- 5,585,758	12-17-1996	Prines, Frank J. et al.	

FOREIGN PATENT DOCUMENTS

Examiner Initials*	Cite No. ¹	Foreign Patent Document	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages Or Relevant Figures Appear	T ⁶
		Country Code ³ *Number ⁴ *Kind Code ⁵ (if known)				
		WO 93/13844 A1	07-22-1993	Andelman, Marc D.		
		WO 94/26669 A1	11-24-1994	Otowa, Toshiro		
		WO 95/21674 A1	08-17-1995	Kansai Netsukagaku et al.		
		WO 97/13568 A1	04-17-1997	Andelman, Marc D.		
		WO 00/14304 A1	03-16-2000	Andelman, Marc D.		
		WO 01/09907 A1	02-28-2001	Andelman, Marc D.		

Examiner
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Sheet 2 of 4

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		Number-Kind Code ² (if known)			
		US- 5,620,597	04-15-1997	Andelman, Marc D.	
		US- 5,650,240	07-22-1997	Rogers, Howard H.	
		US- 5,710,504	01-20-1998	Pascual, Cesar et al.	
		US- 5,748,437	05-05-1998	Andelman, Marc D.	
		US- 5,757,163	05-26-1998	Brotto, Daniele C. et al.	
		US- 5,779,891	07-14-1998	Andelman, Marc D.	
		US- 5,952,735	09-14-1999	Johannessen, Paul R.	
		US- 5,955,868	09-21-1999	Kaite, Osamu et al.	
		US- 5,969,435	10-19-1999	Wilhelm, William George	
		US- 6,011,329	01-04-2000	McGovern, Patrick T.	
		US- 6,087,035	07-11-2000	Rogers, Howard H. et al.	
		US- 6,127,474	10-03-2000	Andelman, Marc D.	
		US- 6,140,799	10-31-2000	Thomasson, Mark J.	
		US- 6,157,867	12-05-2000	Hwang, Yuan-Ko et al.	
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		US- 6,326,768	12-04-2001	Nagai, Tamiji, et al.	
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		US- 6,413,409	07-02-2002	Otowa, Toshiro	

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		Country Code ³ Number ⁴ Kind Code ⁵ (if known)				
		WO 01/13389 A1	02-21-2001	Andelman, Marc D.		
		WO 01/66217 A1	09-13-2001	Andelman, Marc D.		
		WO 01/95410 A1	12-13-2001	Andelman, Marc D.		
		WO 02/29836 A1	04-11-2002	Andelman, Marc D.		
		WO 03/09920 A1	02-06-2003	Bisource, Inc.		
		WO 05/015584 A2	02-17-2005	Biosource, Inc.		

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		Number-Kind Code ² (if known)			
		US- 6,444,159	09-03-2002	Petre, Patrick	
		US- 6,628,505	09-30-2003	Andelman, Marc D.	
		US- 6,685,334	02-03-2004	Kenny, Thomas A. et al.	
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		US- 6,766,222	07-20-2004	Duley, Raymond	
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		US- RE 29560	02-28-1978	Frank, Kjell et al.	
		US- 2003/0098266 A1	05-29-2003	Shue et al.	
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		Examiner Name	
Sheet	4	of	4
		Attorney Docket Number	0652-015US2

NON PATENT LITERATURE DOCUMENTS			
Examiner Initials*	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T ²
	1	BLANCHARD, Eugene. 'H-bridge using P and N channel FETs'. In Armory Information Resources, The Armory.com, Santa Cruz, CA [retrieved on 2004-08-06]. Retrieved from	
		the Internet: <URL: www.armory.com/~rstevew/Public/Motors/H-Bridges/Blanchard/h-bridge.htm >.	
	2	SATA, Toshikatsu, Ion Exchange Membranes: Preparation, Characterization, Modification, and Application, (Royal Society of Chemistry, July 13, 2004)	

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